

Abstract

A frangible projectile with a specific gravity similar to a lead projectile. The projectile comprises 34-94%, by weight, binder. The binder comprises poly ether block amide resin. The projectile further comprises 6-66%, by weight, ballast. The ballast comprises at least one member selected from a group consisting of tungsten, tungsten carbide, molybdenum, tantalum, ferro-tungsten, copper, bismuth, iron, steel, brass, aluminium bronze, beryllium copper, tin, aluminium, titanium, zinc, nickel silver alloy, cupronickel and nickel. The projectile can be prepared with a particularly preferred specific gravity of 5-14 and more preferably 11-11.5.